# PYTHON INTERVIEW QUESTIONS

1) What is Python?

2) Why Python?

3) What kinds of applications can Python be used for?

4) What are the advantages of Python?

5) What is PEP 8?

6) What do you mean by Python literals?

7) Describe the Python Functions?

8) What is zip() capability in Python?

9) What is Python's paramter passing system?

10) In Python, how do you overload methods or constructors?

11) What is the difference between remove() function and del statement?

12) What is swapcase() function in Python?

13) How to remove whitespaces from a string in Python?

14) How to remove leading whitespaces from a string in the Python?

15) Why do we use join() function in Python?

16) Give an example of shuffle() method?

17) What is the use of the break statement?

18) What is tuple in python?

19) Which are the file related libraries/modules in Python?

20) What are the different file processing modes supported by Python?

21) What is an operator in Python?

22) What are the different types of operators in Python?

23) How to create a Unicode string in Python?

24) is Python interpreted language?

25) How is memory managed in Python?

26) What is the Python decorator?

27) What are the rules for a local and global variable in Python?

28) What is the namespace in Python?

29) What are iterators in Python?

30) What is a generator in Python?

31) What is slicing in Python?

32) What is a dictionary in Python?

33) What is Pass in Python?

34) Explain docstring in Python?

35) What is a negative index in Python and why are they used?

36) What is pickling and unpickling in Python?

37) Which programming language is a good choice between Java and Python?

38) What is the usage of help() and dir() function in Python?

39) What are the differences between Python 2.x and Python 3.x?

40) How Python does Compile-time and Run-time code checking?

41) What is the shortest method to open a text file and display its content?

42) What is the usage of enumerate () function in Python?

43) Give the output of this example: A[3] if A=[1,4,6,7,9,66,4,94].

44) What is type conversion in Python?

45) How to send an email in Python Language?

46) What is the difference between Python Arrays and lists?

47) What is lambda function in Python?

48) Why do lambda forms in Python not have the statements?

49) What are functions in Python?

50) What is \_\_init\_\_?

51) What is self in Python?

52) In Python, how can you generate random numbers?

53) What is PYTHONPATH?

54) What are modules in Python? Name a few regularly utilized worked in modules in Python?

55) What is the difference between range & xrange?

56) What benefits do NumPy exhibits offer over (nested) Python records?

57) Mention what the Django templates consist of.

58) Explain the use of session in Django framework?